Patent Claims:

1 – 9 (canceled)

10.   (new) A method for increasing the capacity of an installation used to carry out an industrial process, comprising:

determining a plurality of process variables relevant for the capacity of the installation;

recording the process variables during changing operating conditions of the installation; and

determining a smallest control reserve of a plurality of control loops of the installation on the basis of the recorded process variables.

11.   (new) The method according to claim 10, further comprising the steps of defining a desired increase in the capacity of the installation, determining the control reserves in the control loops of the installation necessary for the desired capacity increase, and determining the control loops with a control reserve that is too small for the desired capacity increase.

12.   (new) The method according to claim 11, further comprising the steps of investigation of the control loops with a control reserve that is too small and formulation of measures for producing the control reserves required in each case by relieving the load on the relevant control loops and/or by replacing components in the relevant control loops by higher-capacity components

13.   (new) The method according to claim 12, further comprising the step of performing a technical and/or commercial evaluation of the measures.

14.   (new) The method according to claim 10, wherein a core process being defined for determining the relevant process variables and interfaces of the core process with ancillary processes surrounding them being investigated for an effect relationship with a process variable representing the capacity of the installation.

15.   (new) The method according to claim 11, wherein the installation is an installation for execution of a continuous process such as the manufacture of paper, textiles,

plastic or metal foils.

16.   (new) The method according to claim 15, wherein the capacity of the installation is determined by the speed of production on the production line.

17.   (new) The method according to claim 11, wherein the method is executed by a service provider company.

18.   (new) The method according to claim 15, wherein the process variables are filtered approximately every 2 seconds and sampled approximately every 5 seconds when they are recorded.